

ABSTRACT OF THE DISCLOSURE

An electrical testing device has non-contact AC voltage sensing, single probe contact AC voltage testing and voltage metering functions. Non-contact voltage sensing is used to detect the vicinity of a live AC conductor and single probe contact
5 sensing is used to determine which conductor of a number of conductors in the vicinity is live. More specific information about the magnitude of the voltage can then be determined using both contact probes. The electrical testing device automatically determines the type (AC or DC) and polarity (if DC) of a voltage applied to test terminals, and provides an indication of the voltage range (AC or DC),
10 without the need to operate any switches or other electrical actuators.